

**Work Order ID 63170**

Friday, October 22, 2010 8:31:10 AM



Page 1

Item ID: D412-791-047

Accept



Setup Start



Revision ID:

Stop



Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010 Start Qty: 1.00



Cust Item ID:

Required Date: 10/28/2010 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date: 10/10/22

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

IIN-D412-791

B

100

0.00



DC

Document Control

Memo

0.00

Photocopy bluefile & type labels per PPP D412-791-047  
CHG 001

BG 10-11-02

110

Pick Kit

0.00



Packaging

Memo

0.00

Packaging

10/11/5

120

QC4- 100% Inspect kits for completeness

0.00



QC

Quality Control

Memo

0.00

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 63170**

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Item ID: D412-791-047

Accept

Setup Start

Revision ID:

Stop

Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010 Start Qty: 1.00

Cust Item ID:

Required Date: 10/28/2010 Req'd Qty: 1.00

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

QC:

Date:

SPC (Y/N):

Date:

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

0.00



Packaging

Memo

0.00

Packaging

Identify and pack for shipping as per PPP D412-791-047

Location: 312

PPP rev: A

140

0.00



QC

QC21- Final Inspection - Work Order Release

Memo

0.00

Quality Control

10/11/08  
R

10/11/08  
R 10-11-08  
Q

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Page 1

Work Order ID: 63170

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP RevA: New issue DD verified by:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

18-200

Purchased

No

110

Each

4.0000

1

1



Quick Connector, Plug

Location

Loc Qty

Loc Code

ST400

4

115177

4

1N4007

Purchased

No

110

Each

18.0000

4

4



Diode

Location

Loc Qty

Loc Code

ST391

18

11432

18

80-004-2-6

Purchased

No

110

Each

116.0000

3

3



Insert

Location

Loc Qty

Loc Code

ST377

116

114882

16

114930

100

D3896-1

Manufactured

No

110

Each

2.0000

2

2



Relay

Location

Loc Qty

Loc Code

ST093

2

62103

2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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Work Order ID: 63170

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

D3897-1  
Angle  
Manufactured No

110 Each 3.0000



10/11/10 B53032

Location Loc Qty Loc Code

ST094 3  
48301 3

LED-50-17-BG-E0705  
Annunciator  
Purchased No

110 Each 3.0000



10/11/10

Location Loc Qty Loc Code

ST392 1  
115177 1  
ST465 2  
112815 2

M12883/45-01  
Relay Base  
Purchased No

110 Each 1.0000



10/11/10

Location Loc Qty Loc Code

ST395 1  
112718 1

M81714/16-3  
Terminal Blocks track  
Purchased No

110 Each 3.0000



10/11/10

Location Loc Qty Loc Code

ST395 3  
114991 3

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Shop Packet Print

Page 2

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 63170



Parent Item: D412-791-047



Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

M81714/2-DC1 Purchased No

110 Each 2.0000

2 2



M115974 10/11/10

Terminal Blocks

Location Loc Qty Loc Code

ST395 2

114991 2

100 Each 3.0000

1

M81714/2-DD2 Purchased No



10/11/10

Terminal Blocks

Location Loc Qty Loc Code

ST395 3

114991 1

115384 2

110 Each 6.0000

1

M83536/2-024 Purchased No



10/11/10

Relay

Location Loc Qty Loc Code

ST395 6

112718 6

110 Each 28.0000

2

MS21042L06 Purchased No



10/11/10

Nut

Location Loc Qty Loc Code

ST300 28

114494 2

115108 26

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DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 63170

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

MS21042L08

Purchased

No

110

Each

250.0000

4

4

Nut

Location

Loc Qty

Loc Code

ST300

250

115300

50

115835

200

MS24524-23

Purchased

No

110

Each

3.0000

1

1

Switch

Location

Loc Qty

Loc Code

ST308

3

114991

3

MS24524-31

Purchased

No

110

Each

3.0000

1

1

Switch, DPDT

Location

Loc Qty

Loc Code

ST308

3

114991

3

MS24693-S26

Purchased

No

110

Each

166.0000

2

2

Screw

Location

Loc Qty

Loc Code

ST288

166

112019

66

112719

100

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W/O:		WORK ORDER CHANGES					
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Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Work Order ID: 63170

Parent Item: D412-791-047

Parent Item Name: Pitot Heat Monitoring Assembly

Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

MS25036-102

Purchased

No

110

Each

50.0000

15

15



Terminal Lug

St  
290 →

Location

Loc Qty

Loc Code

CA022

50

112990

50

MS27039-08-14

Purchased

No

110

Each

60.0000

4

15



Screw

Location

Loc Qty

Loc Code

ST291

60

112019

60

MS35207-260

Purchased

No

110

Each

97.0000

3

4



Screw

Location

Loc Qty

Loc Code

ST295

97

112719

97

NAS1149D0363J

Purchased

No

110

Each

2,036.000

3

3



Washer

Location

Loc Qty

Loc Code

ST298

2036

114292

114

115107

25

115622

1888

9221

9

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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Start Date: 10/21/2010

Required Date: 10/28/2010

Start Qty: 1.00

Required Qty: 1.00

NAS1149DN632J

Purchased

No

110

Each

154.0000

2

2



10/11/55



Washer

LocationLoc QtyLoc Code

ST297

154

54

100

112794

114382

110

Each

52.0000

8

8



1115996 10/11/55

NAS1149DN832J

Purchased

No



WASHER

LocationLoc QtyLoc Code

ST298

52

9

19

5

19

114740

115300

115470

115832

110

Each

19.0000

1

1



10/11/55 sp (12)

HW210

Purchased

No



Resistor, 1k ohms

LocationLoc QtyLoc Code

ST390

19

7

12

113331

114971

1

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

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**NOTE:** Date & initial all entries



7.0 PARTS LIST

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
X						D412-791-011	SAFETY ENHANCEMENT KITS COMPLETE
1	X					D412-791-041	FLASHLIGHT KIT
1		X				D412-791-043	MAPBOX KIT
1			X			D412-791-045	EXIT ILLUMINATION KIT
1				X		D412-791-047	PITOT HEAT MONITORING KIT
1					X	D412-791-049	STANDBY ATTITUDE BATTERY MONITORING KIT
	2					D3921-1	FLASHLIGHT
	4					D3922-1	CLIP
	2					D3923-1	ANGLE
	4					D3924-1	SHIM
	8					MS20426AD3-6	RIVETS
	6					MS20470AD4-5	RIVET
	4					MS21059-L3	ANCHOR NUT
	4					MS35207-264	SCREW
		1				D3936-041	MAPBOX
		4				MS35207-244	SCREW
			16			D3937-041	PHOTOLUMINESCENT STRIPS
			90			D3950-1	RIVET (INCLUDES 10 EXTRA)
				1		18-200	CONNECTOR
				4		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				2		D3896-1	RELAY
				1		D3897-1	ANGLE
				1		LED-50-17-BG-E0705	ANNUNCIATOR
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS

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Revision: B

Date: 09. 07.22

QTY -011	QTY -041	QTY -043	QTY -045	QTY -047	QTY -049	PART NUMBER	DESCRIPTION
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				4		MS21042L08	NUT
				1		MS24524-23	SWITCH, DPDT
				1		MS24524-31	SWITCH, DPDT
				2		MS24693S26	SCREW
				15		MS25036-102	TERMINAL LUGS, #6
				4		MS27039-0814	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				8		NAS1149DN832J	WASHER
				1		HW210	RESISTOR, 1K OHMS
				1		18-200	CONNECTOR
				5		1N4007	DIODE
				3		80-004-2-6	POTTED INSERTS
				1		D3897-1	ANGLE
				1		D3938-1	DECAL
				1		LED-50-17-HK-E0700	ANNUNCIATOR (STBY BATT)
				1		M12883/45-01	RELAY BASE
				1		M81714/16-3	TERMINAL BLOCKS TRACK
				2		M81714/2-DC1	TERMINAL BLOCKS
				1		M81714/2-DD2	TERMINAL BLOCKS
				1		M83536/2-024	RELAY
				2		MS21042L06	NUT
				2		MS24693S26	SCREW
				3		MS35207-260	SCREW
				3		NAS1149D0363J	WASHER
				2		NAS1149DN632J	WASHER
				1		HW210	RESISTOR, 1K OHMS

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Revision: B

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